

INTERNATIONAL SEARCH REPORT.

Internat	Application No
PCT/	3/00250

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B66C1/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B66C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2 293 407 A (ANDERSON) 27 March 1996 (1996-03-27) cited in the application page 2, line 31 -page 7, line 3 ---	1-4,6,7, 11,12, 15,16
Y	US 3 056 624 A (NARDONE) 2 October 1962 (1962-10-02) column 2, line 10 -column 4, line 45 ---	1-4,6,7, 11,12, 15,16
A	US 3 918 758 A (FOURNIER) 11 November 1975 (1975-11-11) column 2, line 29 -column 4, line 14 ---	4-8
A	FR 2 263 189 A (HIAB-FOCO) 3 October 1975 (1975-10-03) page 2, line 9 -page 4, line 20 ---	9,10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

2 June 2003

Date of mailing of the international search report

10/06/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 174 911 A (STEVENSON) 3 October 1939 (1939-10-03) page 2, line 20-35 ----	19
A	US 3 259 419 A (SCHWARZBACH) 5 July 1966 (1966-07-05) -----	

INTERNATIONAL SEARCH REPORT

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Application No

PCT/GB 03/00250

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2293407	A	27-03-1996	NONE	
US 3056624	A	02-10-1962	NONE	
US 3918758	A	11-11-1975	NONE	
FR 2263189	A	03-10-1975	SE 380506 B DE 2509832 A1 FR 2263189 A1 GB 1458777 A NL 7502649 A SE 7403025 A US 3964777 A	10-11-1975 11-09-1975 03-10-1975 15-12-1976 09-09-1975 08-09-1975 22-06-1976
US 2174911	A	03-10-1939	NONE	
US 3259419	A	05-07-1966	NONE	